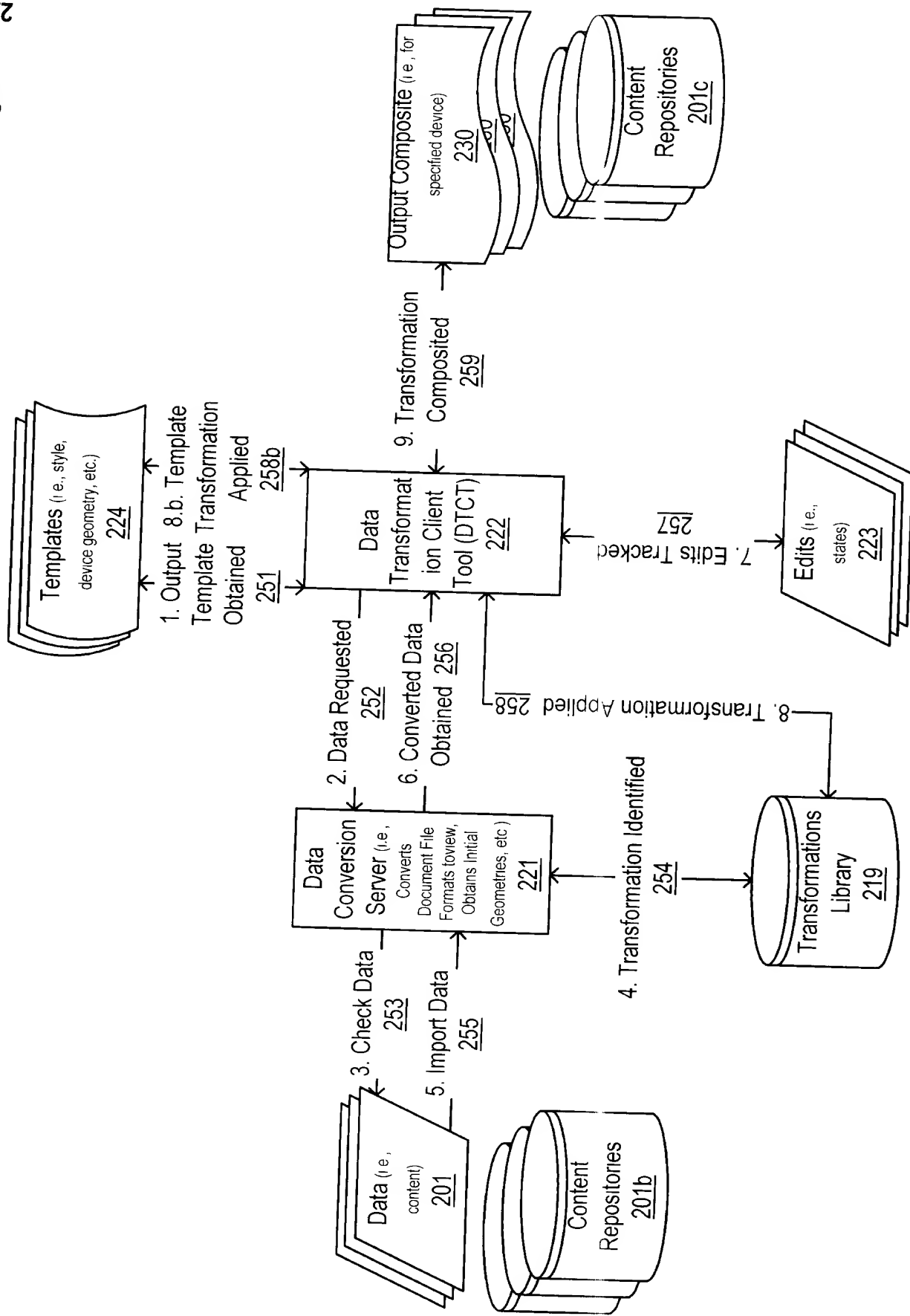


Figure 1

Figure 2 9/6



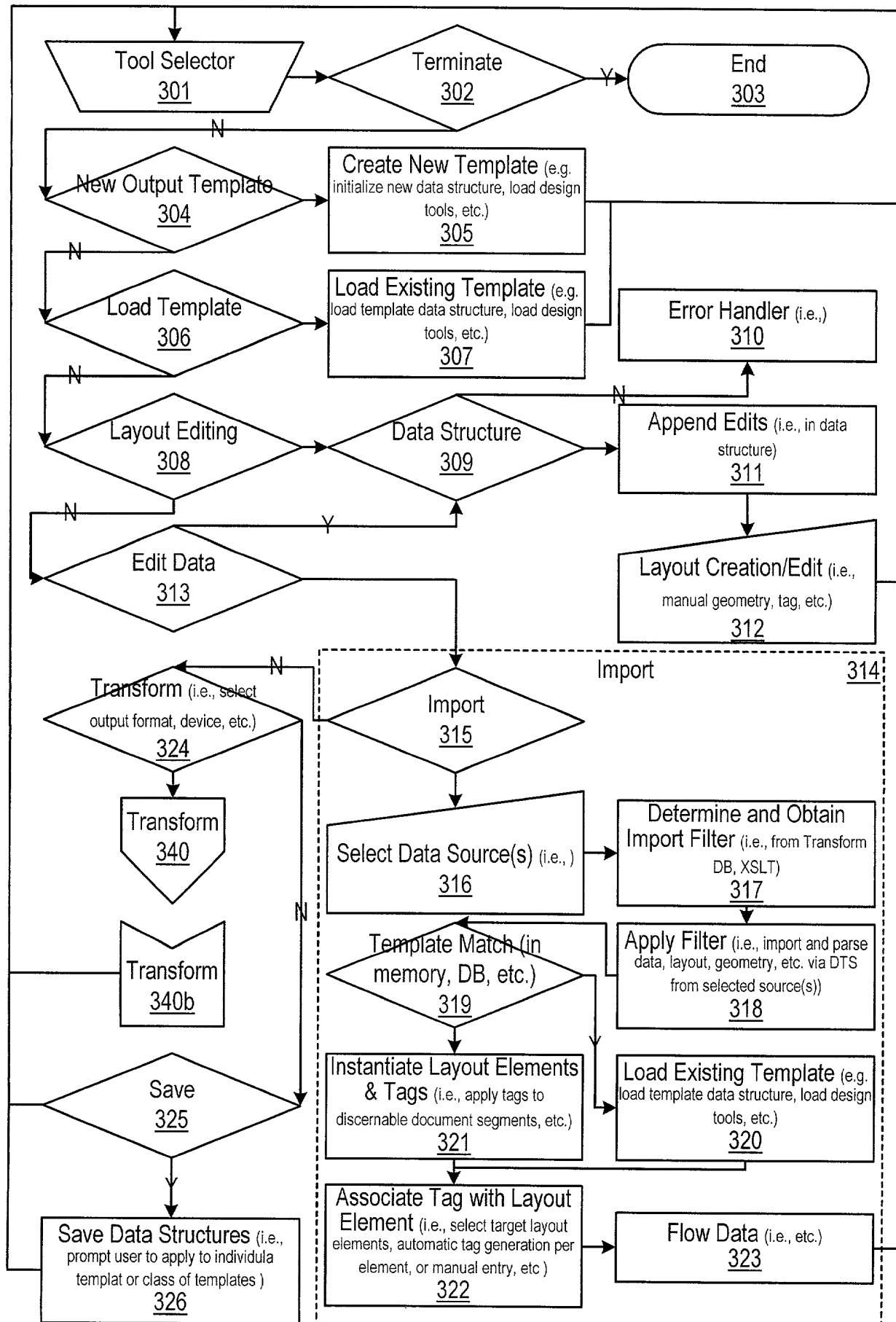


Figure 3 3/6

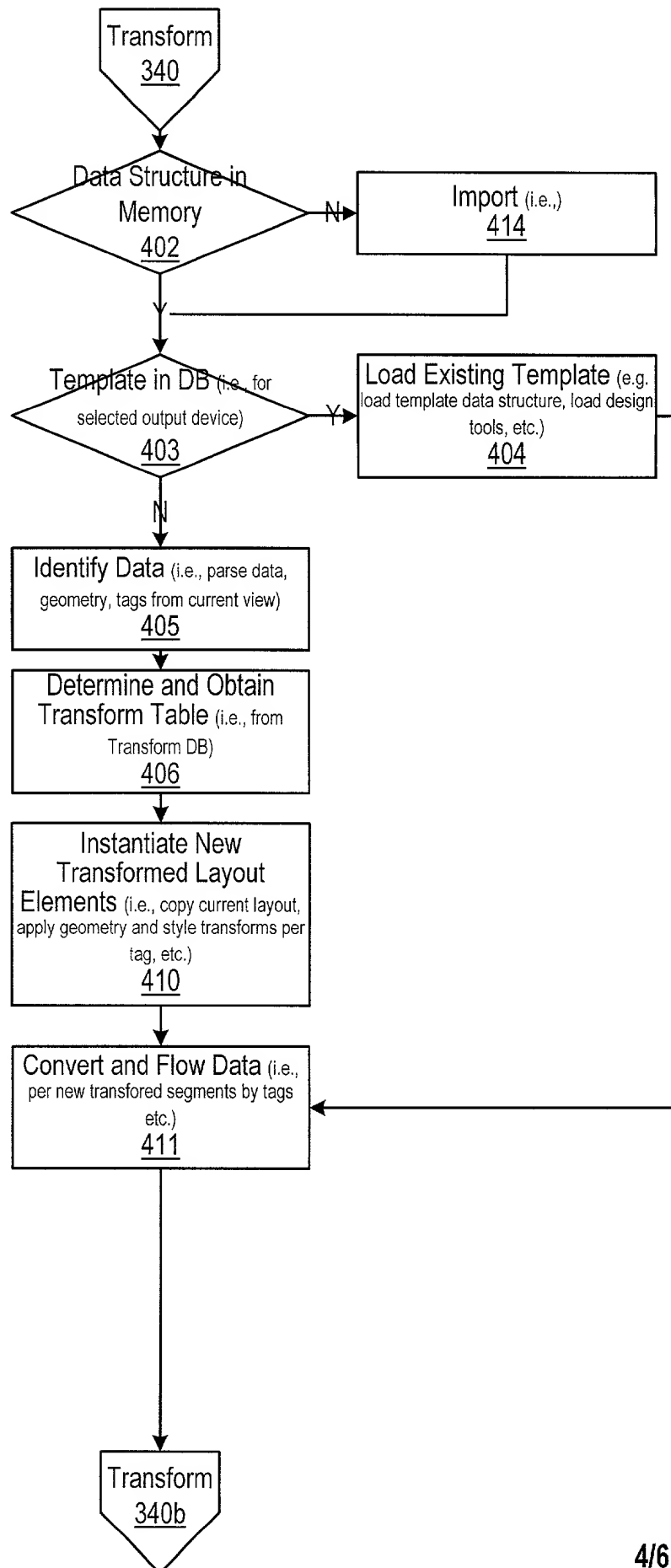


Figure 4

801 1 <textBox xpos="225" ypos="643.252" width="365.7266" height="21.2385"
2 color="None" canEdit="true" zpos="0" numCols="1" angle="0"
3 frameColor="Black" runaroundleft="15" runaroundright="6"
4 runaroundtop="1" runaroundbottom="6" runaroundtype="" frameWidth="0">
5 <textProperties/>
802 6 <textRange font="Times New Roman" size="9" color="heidelberg">
7 <style name="Plain"/>
8 <text>The 9200 is the first product from the ABC/XYZ
9 collaboration.</text>
802 10 </textRange>
11 </textBox>

Figure 8

CW Element 501	PDF Object 502
Page 503	Page 504
Text Box 505	Rectangle 506
Text Range 507	Text String w/ style attributes 508
Picture Box 509	Rectangle 510
Picture 511	XObject w/ Subtype = Image; image data provided as a Stream 512
Line 513	Line Segment 514

Figure 5

CW Element 601	HTML/CSS Object 602
Page 603	NA 604
Text Box 605	<DIV> w/ border attributes 606
Text Range 607	<DIV> w/ style attributes and text 608
Picture Box 609	<DIV> w/ border attributes 610
Picture 611	 612
Line 613	Not Supported 614

Figure 6

```

[<command>]:
    <parameter>=<"<value>"
    ...
[<command>]:
    <parameter>=<"<value>"
    ...
[<end command>]
    ...
[<end command>]

```

Figure 7

```

// load CW document into memory
[load file]:
    file="cwDocument.xml"
    refname="cwDoc"

[import XML]:
    xml="[Action.cwDoc]"
    datatree="cwDataTree"

// find all text in XML hierarchy with a unique identifier for the textbox it resides in
[search for elements in XML datatree]:
    datatree="[Action.cwDataTree]"
    resultList="textList"
    narrowSearch="element type='text' and 1st gen. parent element name='text'"
    extractElementData="3rd gen. parent attribute 'zpos' to 'textboxId' and this element's value to 'text'"

// loop through the resulting list of text elements and write the actual text to a file specific to the enclosing textbox
[for each item in datalist]:
    datalist="[Action.textList]"
    item="textItem"
    // write the text to the appropriate file
    [export to file]:
        dataToWrite="[Action.textItem.text]"
        filename="'textbox' + [Action.textItem.textboxId] + '.txt'"
        append="true"
[end for each item in datalist]

```

Figure 9

Source Format 1001	Target Format 1002	Filter 1003
XML 1004	XSL-FO 1005	Apache Xalan 1006
XSL-FO 1007	PDF 1007	Apache FOP 1008
...		
Microsoft Word (.doc) 1009	PDF 1010	Adobe Distiller 1011

Figure 10